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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Patent Number	6,984,967	
	Issue Date	January 10, 2006	
	First Named Inventor	Andrew Notman	
	Art Unit	2838	
	Examiner Name	Adolph D. Berhane	
Total Number of Pages in This Submission	5	Attorney Docket Number	ALLEG-042PUS

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Appeal Notice, Brief, Reply Brief
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	Return Postcard;
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	PTO/SB/44 Certificate of Correction (2 sets);
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application		Letter to Commissioner
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	
	In the event a petition for extension of time is required by this paper and not otherwise provided, such petition is hereby made and authorization is provided herewith to charge deposit account No. 50-0845 for the cost of such extension.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Daly, Crowley, Mofford & Durkee, LLP		USPTO Customer No. 022494
Signature			
Printed name	Kermit Robinson		
Date	June 21, 2006	Reg. No.	48,734

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Kermit Robinson	Date	June 21, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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JUL 07 2006



PTO/SB/17 (12-04)

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Patent Number	6,984,967
		Issue Date	January 10, 2006
		First Named Inventor	Andrew Notman
		Examiner Name	Adolph D. Berhane
		Art Unit	2838
<b>TOTAL AMOUNT OF PAYMENT (\$)</b> 100		Attorney Docket No.	ALLEG-042PUS

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 010854 Deposit Account Name: Allegro Microsystems, Inc.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
- 20 or HP =	0	x	= 0			
HP = highest number of total claims paid for, if greater than 20						
<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
- 3 or HP =	0	x	= 0			
HP = highest number of independent claims paid for, if greater than 3						

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
- 100 =	0	/ 50 = 0 (round up to a whole number) x	0	= 0

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)	<b>Fees Paid (\$)</b>
	0
Other: Certificate of Correction Fee	100

<b>SUBMITTED BY</b>		
Signature	Registration No. 35,091	Telephone 781.401.9988 ext. 12
Name (Print/Type) Judith C. Crowley	(Attorney/Agent)	Date 21 June 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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OF COUNSEL  
MARIANNE M. DOWNING

June 21, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RE: U.S. Patent of Andrew Notman  
Patent No.: 6,984,967  
Issued on: January 10, 2006  
Entitled: MULTI-MODE SWITCHING REGULATOR  
U.S. Appl. No.: 10/696,230  
Our Ref. No.: ALLEG-042PUS

Dear Sirs:

Enclosed are two completed copies of Form PTO/SB/44. It is requested that a Certificate of Correction be issued to correct the listed mistakes in the above-identified patent.

Authorization to charge the payment of \$100.00 to cover the cost of the Certificate of Correction in accordance with 37 C.F.R. §1.20(a) is hereby given and please charge Deposit Account 50-0845.

06/30/2006 FNETK11 00000041 010654 6804857

01 FC:1811 100.00 DA

Very truly yours,

  
Kermit Robinson  
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KR/mhw  
Enclosures  
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JUL 07 2006

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(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,984,967  
DATED : January 10, 2006  
INVENTOR(S) : Notman

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7, line 25 delete "fifty five" and replace with --fifty-five--.

Column 14, line 27 delete "operator "-" " and replace with --operator ":"--.

Column 22, line 44 delete "input voltage higher is than the" and replace with --input voltage is higher than the--.

MAILING ADDRESS OF SENDER:

DALY, CROWLEY, MOFFORD & DURKEE, LLP  
354A Turnpike Street, Suite 301A  
Canton, MA 02021-2714

PATENT NO. 6,984,967

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